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# CO APCD Advisory Committee August 14, 2018

# Agenda

- Welcome and Introductions
- Public Reporting Update
  - Recent Public Releases
  - Upcoming Releases
- Regulatory Topics
  - CO APCD 2018 Rule Change
  - CO APCD/HCPF Scholarship Administration
- Committee Business
- Questions, Comments, Suggestions



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# Public Reporting Update

# Recent Public Releases of CO APCD Data



### Data Byte: Top 25 CPTs by Volume in CO

Top 25 Average and Median Allowed (Paid) and Charged Amounts by Professional CPT Payments, 2016  
Commercial Claims, CO All Payer Claims Database

CPT	Average Charge/Service	Average Paid Amount/Service	Average Paid Amount as % of Charge	Median Charge/Service	Median Paid Amount/Service	Median Paid Amount as %
99114 Office/Outpatient Visit Etc	\$169	\$120	63%	\$170	\$120	67%
99113 Office/Outpatient Visit Etc	\$132	\$82	50%	\$157	\$75	57%
99396 Prev Visit Etc Age 45-64	\$716	\$361	50%	\$895	\$450	50%
99395 Emergency Dept Visit	\$716	\$361	50%	\$895	\$450	50%
01997 Ambulance/Regul Veh Delivery	\$1,573	\$120	8%	\$182	\$85	47%
99201 Office/Outpatient Visit New	\$198	\$95	48%	\$174	\$85	49%
99202 Office/Outpatient Visit Etc	\$174	\$85	49%	\$189	\$92	49%
99203 Office/Outpatient Visit Etc	\$174	\$85	49%	\$189	\$92	49%
99395 Prev Visit Etc Age 18-39	\$1,038	\$502	48%	\$1,038	\$502	48%
99395 Prev Visit Etc Lower Abdomin	\$1,038	\$502	48%	\$1,038	\$502	48%
99395 Prev Visit Etc Upper Abdomin	\$1,038	\$502	48%	\$1,038	\$502	48%
99395 Prev Visit Etc Low Back/Neck	\$1,038	\$502	48%	\$1,038	\$502	48%
99395 Prev Visit Etc High Back/Neck	\$1,038	\$502	48%	\$1,038	\$502	48%
99395 Prev Visit Etc Head/Neck	\$1,038	\$502	48%	\$1,038	\$502	48%
99395 Prev Visit Etc Extremities	\$1,038	\$502	48%	\$1,038	\$502	48%
99395 Prev Visit Etc Other	\$1,038	\$502	48%	\$1,038	\$502	48%



### Reducing CO Statewide Price Variation: IP/OP Annual Potential Savings Scenarios, Commercial Payers, 2016

Service Type	Total Current Spend	Median Price (Potential Savings*)	200% Medicare (Potential Savings**)	150% Medicare (Potential Savings***)
Inpatient Services (Top 12 By Volume/Price)	\$284 Million	\$36 Million	\$86 Million	\$136 Million
Outpatient Services (Top 10 By Volume/Price)	\$59 Million	\$13 Million	\$36 Million	\$42 Million
<b>Total (IP/OP)</b>	<b>\$343 Million</b>	<b>\$49 Million</b>	<b>\$122 Million</b>	<b>\$178 Million</b>

Statewide savings if all IP/OP payments analyzed that were above the statewide prices below statewide median remain the same.  
Potential annual statewide savings if all IP/OP payments analyzed were normalized to statewide median.



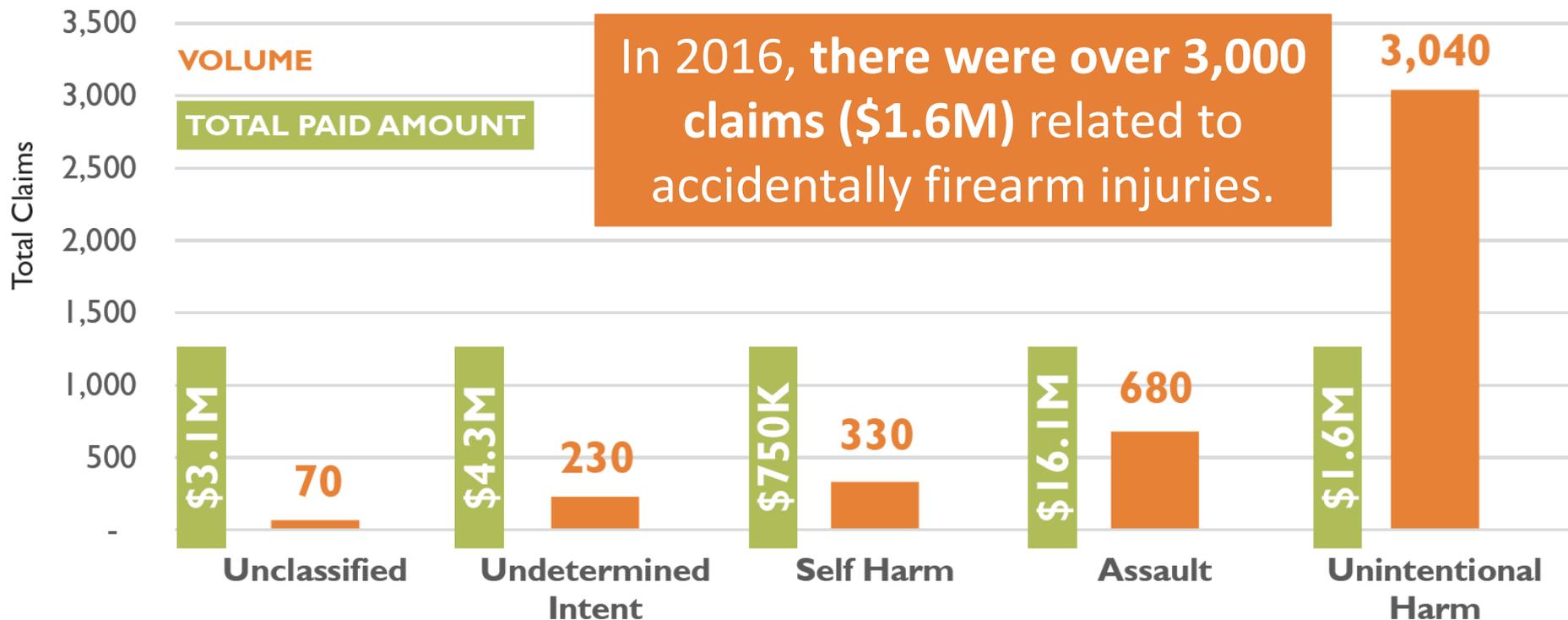
## Project Angel Heart

a meal with heart gives hope

**Statewide Cost Savings: \$49-\$178 Million**

# Firearm Injury Data Byte

## FIREARM CLAIMS BY INJURY TYPE, COMMERCIAL, MEDICAID, MEDICARE FFS, MEDICARE ADVANTAGE, CO APCD, 2016



Costs for firearm-related claims climbed approximately 50% between 2012 and 2016.

## Services Analyzed

### Inpatient

- Bronchitis & Asthma, DRG 203
- Cesarean Section, DRG 766
- Cesarean Section, w complicating conditions, DRG 765
- Esophagitis, Gastroenteritis, and Digestive Disorders, DRG 392
- Heart Failure & Shock, DRG 293
- Heart Failure & Shock, w complicating conditions, DRG 292
- Major Joint Replacement/Reattachment, Lower Extremity, DRG 470
- Newborn, DRG 795
- Spinal Fusion, non-cervical, DRG 460
- Stroke (Transient Ischemia Attack), DRG 069
- Vaginal Delivery, DRG 775
- Vaginal Delivery w complicating conditions, DRG 774

### Outpatient

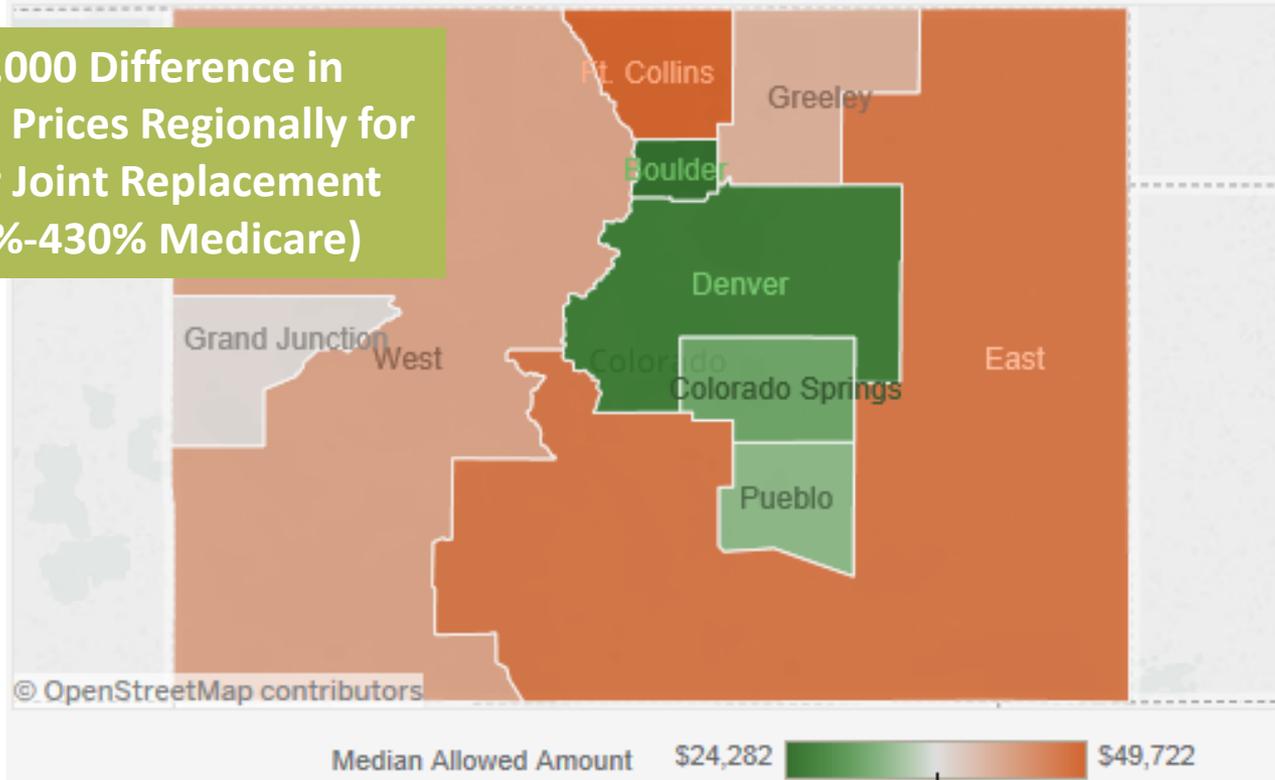
- Cataract Surgery with Lens, CPT 66984
- Chemo Infusion (1 hr), CPT 96413
- Colonoscopy w Biopsy, CPT 45380
- Colonoscopy w Lesion Removal, CPT 45385
- Dialysis evaluation, CPT 90945
- Knee Arthroscopy/Surgery, CPT 29881
- Major Joint, Bursa Drain, Injection, CPT 20610
- Ultrasound Therapy, CPT 97035
- Upper GI Endoscopy with Biopsy, Single/Multiple, CPT 43239
- Laparoscopy Appendectomy, CPT 44970

## Service-Level Results: Variation Significant Across Regions for Specific Services

### Median Allowed Cost, by Provider's DOI Region

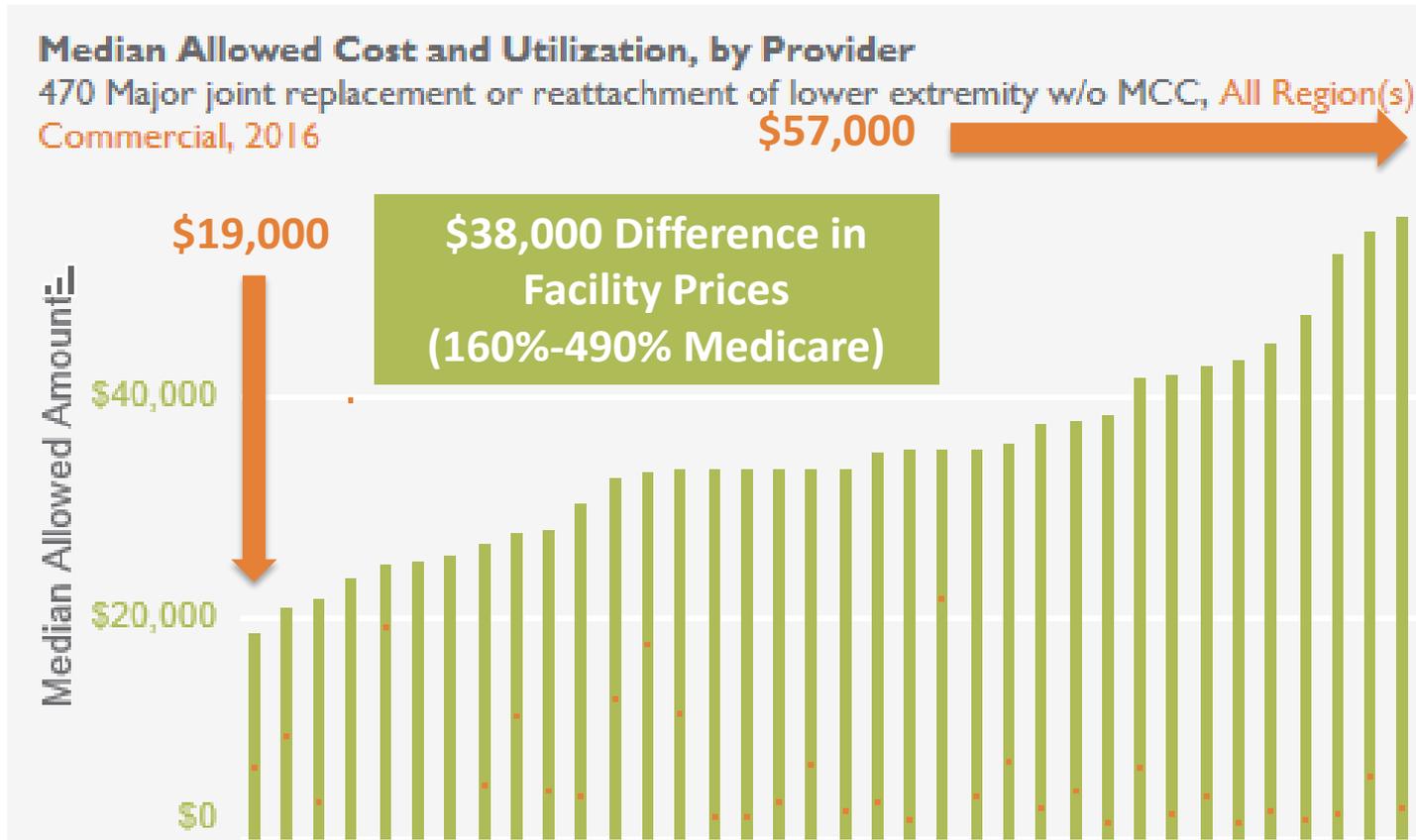
470 Major joint replacement or reattachment of lower extremity w/o MCC, Commercial, 2016

**\$26,000 Difference in Median Prices Regionally for Major Joint Replacement (210%-430% Medicare)**



# Reference-based Pricing Analysis

## Service-Level Results: Variation Significant Across Providers for Specific Services



# Reference-based Pricing Analysis



## Statewide Results: Percent of Medicare Fee Schedule Comparison/Trend, Commercial Payers

Service Type	2012 Avg % Medicare*	2016 Avg % Medicare*	Percentage Point Increase 2012-2016
<b>Inpatient Services</b> (Top 12 By Volume/Price)	<b>250%</b> (Range 210%-300%**)	<b>290%</b> (Range 260%-330%**)	↑ 40
<b>Outpatient Services</b> (Top 10 By Volume/Price)	<b>440%</b> (Range 210%-1,160%**)	<b>520%</b> (Range 250%-1,150%**)	↑ 80

\* Average % Medicare reflects an average of the individual service category averages analyzed for IP and OP.

\*\* **Range** reflects lowest average % Medicare rate and highest average % Medicare rate across the individual services analyzed.

In 2016, Commercial Payers paid **290% - 520%** Medicare rates (IP/OP), and OP rates have **increased nearly 80 percentage points**

# Reference-based Pricing Analysis



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<b>Total (IP/OP)</b> (rounded to nearest million)	<b>\$343 Million</b>	<b>\$49 Million</b>	<b>\$122 Million</b>	<b>\$178 Million</b>

\***Median Price Potential Savings** reflects potential annual statewide savings if all IP/OP payments analyzed that were above the statewide median were paid at the statewide median price. Assumes prices below statewide median remain the same.

\*\***150% and 200% Medicare Potential Savings** reflects potential annual statewide savings if all IP/OP payments analyzed were normalized to either 150% or 200% Medicare payments.

**Potential Annual Statewide Cost Savings: \$49-\$178 Million**

## **\$178 Million Annual Savings Could Pay For:**

- A 6.4% or \$3300 raise for every CO teacher
- Tuition at CU Boulder for 12,000 students
- Affordable housing units for 890 families in need
- 20% of CO's annual road repair budget shortfall

# Consumer Shopping Tool: Imaging



## Shop for Health Care Services

Select Service:

70450 - CT scan of head or brain

Select Your ZIP Code:

80001

Sort List By:

Average Price (High to Low)

Facility Name	Distance (Miles)	Price Estimate		Quality
		Average Price	Price Range	Patient Experience
Valley View Hospital	121.2	\$2,140	\$1,820–\$2,170	★★★★★
Childrens Hospital Colorado Anschutz Medical Campus	13.7	\$1,420	\$900–\$1,560	*
SCL Health St Marys Medical Center	191.8	\$1,140	\$1,060–\$1,200	★★★★★
Community Hospital Medical Imaging	194.2	\$1,000	\$940–\$1,150	★★★★★
UCHealth Yampa Valley Medical Center	102.2	\$950	\$180–\$980	★★★★★
Montrose Memorial Hospital	174.9	\$840	\$840–\$980	★★★★★
Banner Health North Colorado Medical Center	47.0	\$770	\$640–\$780	★★★★★
Banner Health Mckee Medical Center	42.3	\$770	\$750–\$790	★★★★★
Banner Fort Collins Medical Center	54.0	\$750	\$750–\$750	★★★★★



# Consumer Shopping Tool: Imaging



## Shop for Health Care Services

Select Service:

70450 - CT scan of head or brain

Select Your ZIP Code:

Sort List By:

70450 - CT scan of head or brain

70551 - MRI scan of brain

70553 - MRI scan of brain, with and without contrast

72148 - MRI scan of lower spinal canal

72197 - MRI scan of pelvis, with and without contrast

73221 - MRI scan of arm joint

73721 - MRI scan of leg joint

74177 - CT scan of abdomen and pelvis, with contrast

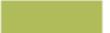
74178 - CT scan of abdomen and pelvis, with and without contrast

76642 - Ultrasound of single breast

76700 - Ultrasound of abdomen (complete)

77080 - Bone density test of spine or hips using dedicated X-ray machine

78452 - Heart vessel study using drugs or exercise, multiple studies

Facility Name	Distance (Miles)				
Valley View Hospital	121.2				
Childrens Hospital Colorado Anschutz Medical Campus	13.7				
SCL Health St Marys Medical Center	191.8		\$1,140	\$1,060-\$1,200	★★★★★
Community Hospital Medical Imaging	194.2		\$1,000	\$940-\$1,150	★★★★
UCHealth Yampa Valley Medical Center	102.2		\$950	\$180-\$980	★★★★★



# Consumer Shopping Tool: Imaging



There is an **\$8,000 difference** in imaging prices for some procedures between the lowest and highest priced facility.



# Future Services Available Through Shopping Tool



## Surgical & Preventive (episodes):

- Knee Arthroscopy
- Cataract Surgery
- Colonoscopy
- Breast Biopsy
- Gall Bladder Surgery
- Upper GI Endoscopy
- Tonsillectomy
- Knee replacement
- Hip replacement
- Vaginal birth
- C-Section

## Additional Imaging Services, TBD

## Physician Office Services, TBD

# Population Level Future Updates

**New Payer: Medicare Fee for Service, More Years: 2012-2018**

## Cost of Care:

- Illness Burden Scores

## Utilization:

- Professional Visits
- Potentially Preventable ER

## Quality:

- Child Developmental Screening
- Appropriate treatment for children with Upper Respiratory Infection
- Diabetes Care Eye Exam

## Condition Prevalence:

- Generalized Anxiety Disorder
- Teen Pregnancy Rates
- Asthma Exacerbations

## \*NEW Category: Patient Safety:

- C-Section Rate
- Imaging for Low Back Pain

## \*NEW Category: Access to Care:

- Child/Adolescent Access to Primary Care
- Adult Access to Preventive Care

# Upcoming Releases of CO APCD Data



- **Spot Analyses and White Papers**
  - Prescription Drug Cost Trends
  - Opioid Prescriptions: Volume and Trends
  - Reference Based Pricing White Paper
  - Project Angel Heart Results White Paper
- **Events**
  - Project Angel Heart Webinar 9.18
  - Dollars and Sense: Using Data to Lower Health Care Costs and Increase Transparency 11.13

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# Regulatory Topics

## Regulatory Topics: CO APCD Rule Change

- **Proposed Changes to CO APCD Rule include:**
  - Alternative Payment Models
  - Prescription Drug Rebate Information
- **CIVHC Received Responses from:**
  - Delta Dental
  - Aetna
  - AHIP/CAHP
- **CIVHC Received Letters of Support from:**
  - CO APCD Advisory Committee
  - Chronic Care Collaborative Colorado
  - Colorado Academy of Family Physicians
  - A Coalition of Consumer Advocacy Organizations

# CO APCD Rule Change Progress



- **Comments received from AHIP/CAHP, PCMA, Aetna, CVS**
  - Responses prepared; reviewed by CIVHC legal, General Atty, HCPF, DOI
  - Co-signed by Kim Bimestefer & Michael Conway (AHIP/CAHP, PCMA)
- **Support**
  - Letters (CAAC, CAFP, CCC, others)
  - Speakers at hearing
- **Package submitted July 25<sup>th</sup>**
- **Anticipated hearing – Sep/Oct**

# CO APCD Scholarship Administration



- HCPF provides up to \$500,000 in annual grant funding to defray the costs of non-profits & govt. entity access to the APCD for research
- HB 1327 calls for a few changes to the scholarship application and review process
  - CO APCD Advisory Committee (CAAC) - new role to play in reviewing and recommending scholarship applications amounts for approval, as well as collaborating with HCPF on a grant application form
  - HCPF then reviews and makes a final determination of scholarship applications and amounts approved
  - HCPF has agreed to temporarily continue working under prior system until new process is agreed to and finalized

# HCPF/CO APCD Scholarship Application



Request Date \_\_\_\_\_  
Date Submitted to HCPF \_\_\_\_\_  
Project # \_\_\_\_\_

Approved by HCPF \_\_\_\_\_  
Disapproved by HCPF \_\_\_\_\_  
Reason for Disapproval: \_\_\_\_\_

Project Information	
Project Title:	
Date:	
Organization Requesting Data:	
Contact Person:	
Title:	
E-mail:	
Phone Number:	
Person Responsible for the Project (if different than above):	
Title:	
E-mail:	
Phone Number:	

**Scholarship Eligibility:**

- Non-profit, less than \$5M (include recent 990),
- Research organization, less than \$5M (include budget document)
- State agency

Data Release Review Committee: [list date approved]

Project Purpose: [from application]

**Research Questions to be addressed [from Application]**

Type of Data Requested: [custom, limited data set, etc.]

Total: \$

Scholarship Request: \$

Data Requestor Portion: \$

**Attachments Included:**

- Application
- Supplemental Application
- Financial Document (i.e. 990, Budget, etc.)
- Data Release Fee (DRF)

# CO APCD Scholarship Administration



## Proposed Process:

- Creation of a CO APCD Scholarship Grant Subcommittee
- The Subcommittee will be emailed grant applications biweekly by CIVHC's Account Manager or designee
- Members of the Subcommittee will have 5 business days to review applications and provide guidance on approval or non-approval
- The Subcommittee also has responsibility for recommending a grant approval amount.
- HCPF and CIVHC have established a framework for reviewing grants and recommending amounts
- Once approved, CIVHC's Account Manager will forward the application and related documents to HCPF for final review and consideration

## Discussion

# Agenda

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- **Committee Business**
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# Committee Business

- **Scholarship**
  - Adoption of Application & any changes
  - Adoption of grant application review process & any recommended changes
- **November Meeting**
  - Review Annual Report
  - Reschedule to Late October
- **Meetings During Legislative Session**
  - Typically Quarterly
  - Scheduled February/May



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# Questions, Comments, Suggestions

